

WHAT WE CLAIM IS:

1. (Currently Amended): A parts feeder comprising:

a receiving portion with directionality for receiving a waterproof seal which is a disc-like rotating body with inclination in a predetermined angle;

a receiving recess radially provided at the periphery of said receiving portion to be released in an outside of an axial right angle of the receiving portion and an upper surface, said receiving recesses receive said waterproof seal with top thereof directing a center of said receiving portion;

a cover for restricting a movement of the receiving portion of the waterproof seal received by the receiving recess toward the outside of the axial right angle and surrounding the periphery of the receiving portion;

a take-out means with a take-out exit opening at an inner circumferential surface of the cover to taking out said waterproof seal received in said receiving recess in the axial right direction;

a moving means for moving the receiving recess from a receiving region where the waterproof seal is received by the receiving recess to the take-out means by way of a rotational motion of the receiving portion; and

an exclusion means for eliminating a chance of moving the waterproof seal which is not received by the receiving recess and is among the waterproof seals from the receiving region to the take-out means.

2. (Currently Amended): The parts feeder according to claim 1, further comprising:

a receiving detection means having a first sensor for detecting a positioning bore standing corresponding to the receiving recess and a second sensor for detecting a slit formed in the receiving recess; and

a controlling means for controlling said take out means as determining that the waterproof seal is received by the receiving recess when a result of said receiving detection means shows that the first sensor detects the positioning bore and the second sensor does not detect the slit.

3. (Currently Amended): The parts feeder according to claim 2, wherein
said moving means has a stepping motor; and
said controlling means, when taking out the waterproof seal by the taking out means, controls the moving means to stop the movement of the receiving portion.

4. (Currently Amended): The terminal press-connection device comprising the parts feeder according to claim 1, wherein
said waterproof seal supplied from the parts feeder is inserted in an end of an electrical transmission cable;
and a connecting terminal is attached to perform press-connection.

5-6. (Cancelled)